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Research on furan acetal compounds - VII. PMR spectra, configuration, and conformations of substituted 2-(-furyl)-1,3-dioxanes

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Abstract

The configuration and preferred conformations of a number of stereoisomeric 2-(α -furyl) 1,3-dioxanes were established by PMR spectroscopy. It is shown that cis orientation of the NO₂ groups with respect to the furyl ring is primarily realized for 2-(α' -nitro- α -furyl)-5-ethyl-5-nitro-1,3-dioxanes. © 1975 Plenum Publishing Corporation.

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